

CLAIMS

What is claimed is:

1. A method of providing location-based reference information in a wireless network, comprising:

receiving an information telephone call from a subscriber, a telephone number initiating said telephone call including at least one auxiliary digit beyond those associated with the information telephone call;

using a location-based wireless service to obtain a location 10 of said subscriber;

retrieving a short message relating to said location based on requested information associated with said at least one auxiliary digit; and

transmitting said retrieved short message to said subscriber.

- 15 2. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

at least two auxiliary digits are included with said information telephone call.

- 20 3. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

said information telephone call is initiated with dialed digits "4-1-1".

- 25 4. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

said location of said subscriber is obtained using wireless or cellular network signaling.

5. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

 said obtained short message is transmitted to said subscriber substantially while said subscriber remains at said determined
5 location.

6. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

 said location of said subscriber is determined using an angle
10 of arrival of a wireless signal from said subscriber.

7. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

 said location of said subscriber is determined using a
15 network generated location based on a centroid of a cell site sector's radio frequency (RF) polygon.

8. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

20 said location of said subscriber is determined using a time difference of arrival of wireless signals from said subscriber.

9. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

25 said location of said subscriber is determined using time of arrival of a wireless signal from said subscriber.

10. The method of providing location-based reference information in a wireless network according to claim 1, wherein:

 said location of said subscriber is determined using the known location of a cell/sector servicing said subscriber.

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11. A method of providing location-based reference information in a wireless network, comprising:

 receiving an information telephone call from a subscriber, a telephone number initiating said telephone call including at least one auxiliary digit beyond those associated with the information telephone call;

 using a location-based wireless service to obtain a location of said subscriber;

 retrieving a short message relating to said location based on requested information associated with said at least one auxiliary digit; and

15 transmitting said retrieved short message to said subscriber.

12. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

 at least two auxiliary digits are included with said information 20 telephone call.

13. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

 said information telephone call is initiated with dialed digits 25 "4-1-1".

14. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

 said location of said subscriber is obtained using wireless or 30 cellular network signaling.

15. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

10 said obtained short message is transmitted to said subscriber substantially while said subscriber remains at said determined
5 location.

16. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

10 said location of said subscriber is determined using an angle
5 of arrival of a wireless signal from said subscriber.

17. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

15 said location of said subscriber is determined using a time
difference of arrival of wireless signals from said subscriber.

18. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

20 said location of said subscriber is determined using time of
arrival of a wireless signal from said subscriber.

19. The method of providing location-based reference information in a wireless network according to claim 11, wherein:

25 said location of said subscriber is determined using the
known location of a cell/sector servicing said subscriber.